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Module Code:	SPT415
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Module Title:	Introduction to Research Skills
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Level:	4	Credit Value:	20
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Cost Centre(s):	GASP	JACS3 code:	C600
		HECoS code:	100433

Faculty	FSLs	Module Leader:	Julian Ferrari
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Scheduled learning and teaching hours	14 hrs
Placement tutor support	0hrs
Supervised learning eg practical classes, workshops	12 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total contact hours	36 hrs
Placement / work based learning	0
Guided independent study	164 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
BSc (Hons) Applied Sport and Exercise Science	✓	<input type="checkbox"/>
BSc (Hons) Football Coaching and the Performance Specialist	✓	<input type="checkbox"/>
BSc (Hons) Sports Injury Rehabilitation (registered on SIR406)	✓	<input type="checkbox"/>

Pre-requisites
None

Office use only		
Initial approval:	01/04/2020	Version no: 1
With effect from:	28/09/2020	
Date and details of revision:		Version no:

Module Aims

This module aims to:

Provide opportunities for the identification, evaluation and consolidation of existing skills and competencies in a range of transferable skills.

Provide opportunities for the practice, development and widening of personal transferable skills which will be appropriate and beneficial for each student's subsequent academic, personal and professional progress.

Introduce students to a range of relevant software packages that facilitate the research process.

Understand and appreciate the underpinning philosophies of qualitative and quantitative research.

Introduce data collection methods that underpin research in sports science.

Module Learning Outcomes - at the end of this module, students will be able to:

1	Demonstrate the primary characteristics of the quantitative research process
2	Demonstrate the ability to analyse quantitative data with basic interpretation
3	Explain the primary characteristics of the qualitative research process
4	Demonstrate the ability to analyse qualitative data with basic interpretation

Employability Skills The Wrexham Glyndŵr Graduate	I = included in module content A = included in module assessment N/A = not applicable
CORE ATTRIBUTES	
Engaged	I
Creative	I
Enterprising	I
Ethical	I
KEY ATTITUDES	
Commitment	I
Curiosity	I
Resilient	A
Confidence	I
Adaptability	I
PRACTICAL SKILLSETS	
Digital fluency	I
Organisation	A
Leadership and team working	I
Critical thinking	A
Emotional intelligence	I
Communication	I

Derogations

N/A

Assessment:

Indicative Assessment Tasks:

Assessment 1: MCQ. The students will be required to sit an online class based multiple choice test, assessing their knowledge of quantitative research and underlying theory and approaches to research. The test will be 1hr in length.

Assessment 2: Report. The students will be required to complete a report on a sports performance setting of their choice. They will be required to retrieve qualitative information from several sources, analyse the data collected and present the key findings in written format, this will include any supporting evidence to validate their research.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1 and 2	Multiple Choice Questions	50%
2	3 and 4	Report	50%

Learning and Teaching Strategies:

This module will be delivered using a variety of learning & teaching strategies. These will include formative mini projects, where students have to complete a range of activities, which will require the development of IT, personal, professional and academic skills. These will be further supported by lectures, seminars, practical workshops and blended learning.

Syllabus outline:

Introduction to the research process.
 Approaches to research (paradigms)
 Quantitative research, underpinning theory and approach
 Analysis of Quantitative data
 Introduction to SPSS
 Qualitative research, underpinning theory and approach
 Qualitative methods and data collection
 Qualitative Analysis
 Introduction to plagiarism, referencing, citation & credibility of data sources
 Personal Development, self-analysis

Indicative Bibliography:

Essential reading

Burns, T., Sinfield, S. (2016), *Essential Study Skills: The Complete Guide to Success at University* (4th Ed). London: Sage.

Field. A. (2018), *Discovering Statistics Using IBM SPSS Statistics*: 5th Ed. London: Sage.

O'Donoghue, P. (2012), *Statistics for Sport & Exercise Studies*. Oxon, Routledge.

Other indicative reading

Andrews, D.L, Mason. D,S., and Silk, M.L. (Eds). (2005), *Qualitative Methods in Sports Studies*. Oxford: Berg.

Gratton, C., and Jones, I. (2014), *Research Methods for Sports Studies*. 3rd Ed: London: Routledge.

Salkind, N. J. (2018), *Statistics for People Who (Think They) Hate Statistics (6th Edition)*. London: Sage.

Thomas, J.R., Nelson, J.K., and Silverman, S.J. (2015), *Research Methods in Physical Activity (7th Ed)*. Champaign Ill: Human Kinetics.

Williams, C.A., and Wragg, C. (2004), *Data Analysis and Research for Sport and Exercise Science: A Student Guide*. London: Routledge.